If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A

## C-A OPERATIONS PROCEDURES MANUAL

#### **ATTACHMENT**

4.120.6.b 6 O'Clock (PEER 7) Gate Tests

C-A-OPI	M Procedures in	n which this Attachn	nent is used.
4.120.6			
	Hand Pro	ocessed Changes	
HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>
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		Signature of ider-Accelerator De	

# 4.120.6.b 6 O'clock (PEER 7) Gate Tests

# PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:
Division B Software Filename and Checksum: Title:	Checksum:
Initial testing complete:	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date:/
Acceptance test procedure complete (following repairs and retesting if required):	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date:/
<u>Test results reviewed by:</u>	
Safety Section Head's Name (Print):	Life Number:
Safety Section Head's Name (Sign):	Date:/
Test results accepted by Radiation Safety Committee:	
RSC Member's Name (Print):	Life Number:
RSC Member's Name (Sign):	Date:/

### 1.1 CONDUCT Visual check on Peer 7 gates following Table-1, below

	Micro	Switch	Elec	Gate		G	ate Functio	ons	Verify	Inspn
Gate	Align	Opern	Wiring	Box	Lights	Open	Self- Closing	Latch	all x's Corr.	O.K. Init.
5GS1I										
5GS10										
5EL1										
5GE1										
5ED1										
6GE1										
6GE2										
6MD1										
6ED1										
6GE3										
6EL1										
6ED2										
<b>7GS1I</b>										
7GS10										
YGI1										
YGI2										
XGI1										
XGI2										

**Legend:** Tick = O.K. x = Problem N/A = Not Applicable

**Table 1: Summary of Physical Inspection of Peer 7 Gates** 

#### 1.2 **Test INNER GATE at 5GS1: VERIFY** Gate has been inspected PEER 9 in Restricted Access (Mode 8) PLACE PEER 9 is in Restricted Access MODE 8 **VERIFY** PLACE **PEER 7** in Controlled Access (MODE 16) **PEER 7** is in **Controlled Access MODE 16 VERIFY VERIFY** The warning lights and LED message: Stop Call MCR for Access X-7400 Stop on both sides of the ON gate are **OPEN** The gate MCR sees the gate is **OPEN VERIFY** Both of the PEER 7 gate micro switches HOLD **MADE** MCR sees the gate is **VERIFY CLOSED** Div A PEER 7 micro switch RELEASE MCR indicates Div A **VERIFY OPEN HOLD** Both of the PEER 7 gate micro switches **MADE** MCR sees the gate is **CLOSED VERIFY**

	RELEASE VERIFY	Div B PEER 7 micro switch  MCR indicates Div B	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	VERIFY	The <b>5Z1</b> gate box Gate Reset light is The gate with #15 RC Sweep key at <b>5Z1</b> inner gate	OFF
	RESET	box	
	VERIFY	MCR sees the gate is	RESET
	<b>VERIFY</b>	The <b>5Z1</b> gate box Gate Reset light is	ON
	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	VERIFY CLOSE	The <b>5Z1</b> gate box Gate Reset light is The gate	OFF
	CLOSE	The gate	
	PLACE	PEER 7 in Controlled Access (MODE 17)	
	VERIFY	PEER 7 is in Controlled Access	<b>MODE 17</b>
	VERIFY	The warning lights and LED message: <b>Stop Call</b>	ON
		MCR for Access X-7400 Stop on both sides of the gate are	ON
		gate are	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
	VERIFY	PEER 7 is in Restricted Access	MODE 8
	VERIFY	The LED message: Access Permitted is	ON
	PLACE	PEER 7 in Safe Access (Mode 2)	
	VERIFY	PEER 7 is in Safe Access	MODE 2
	VERIFY	The warning lights and LED message: Stop Call	
		MCR for Access X-7400 Stop on both sides of the	ON
		gate are	
	СНЕСЬ	K for test acceptance of INNER GATE at 5GS1	
		1	
Test	OUTER GAT	E at 5GS1:	
	PLACE	PEER 7 in Controlled Access (MODE 16)	
	VERIFY	PEER 7 is in Controlled Access	MODE 16
	VERIFY	The warning lights on both sides of the gate indicate:	ON
	OPEN	CALL MCR FOR CROSSOVER AMBER The gate	ON
	VERIFY	MCR sees the gate is	OPEN
_	HOLD	Both of the PEER 7 gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A PEER 7 micro switch	ODEN
	VERIFY HOLD	MCR indicates Div A  Roth of the PEEP 7 gate micro switches	OPEN MADE
	VERIFY	Both of the PEER 7 gate micro switches MCR sees the gate is	CLOSED
	RELEASE	Div B PEER 7 micro switch	220020
	<b>VERIFY</b>	MCR indicates Div B	OPEN
	CLOSE	The gate	OT 0.222
	VERIFY	MCR sees the gate is	CLOSED

1.3

CHECK for test acceptance of OUTER GATE at 5GS1

1.4	Test E	SCAPE DOO	R at 5EL1:	
		VERIFY	Door has been inspected	
		VERIFY	The door <b>cannot</b> be opened from	OUTSIDE
		VERIFY	PEER 9 is in Restricted Access	MODE 8
	_	PLACE	PEER 7 in Controlled Access (MODE 16)	
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>
	_	OPEN	The door	
		VERIFY	MCR sees the door is	OPEN
		SECURE	The Security Bar micro switch	MADE
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A door micro switch	
		VERIFY	MCR indicates Div A	OPEN
	_	HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
	_	RELEASE	Div B door micro switch	
		VERIFY	MCR indicates Div B	OPEN
	_	HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
	_	RELEASE	The Security Bar micro switch	
		VERIFY	MCR sees the door is	OPEN
		CLOSE	The door and latch the Security Bar	<u> </u>
		VERIFY	The <b>5EL1</b> Door Reset light is	OFF
		RESET	The Door with <b>#15 RC Sweep key</b> at <b>5EL1</b> gate box	011
		VERIFY	MCR sees the 5EL1 door is	RESET
		VERIFY	The <b>5EL1</b> Door Reset light is	ON
	Ц	OPEN	The door	011
		VERIFY	MCR sees the door is	OPEN
		VERIFY	The <b>5EL1</b> gate box Gate Reset light is	OFF
	Ц	CLOSE	The door	OFF
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>5EL1</b> gate box Gate Reset light is	OFF
	Ц	VENIT 1	The SELI gate box Gate Reset light is	OFF
		CHECK	for test acceptance of <b>ESCAPE DOOR</b> at <b>5EL1</b>	
1.5 T	est of El	NTRY GATE	at 5GE1	
		VERIFY	INNER Gate at 5GE1 has been inspected	
		VERIFY	PEER 9 is in Restricted Access	MODE 8
		PLACE	PEER 7 in Controlled Access (MODE 16)	
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>
		VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
		VEDIEV		ON ON
		VERIFY OPEN	The Exterior gate box Controlled Access light is Gate 5GE1 with Simultaneous Release and #14 CA	ON
			Key	
		VERIFY	Simultaneous Release <b>Buzzer</b>	SOUNDS
		VERIFY	Gate <b>5GE1</b> is	OPEN
		VERIFY	MCR sees the gate is	OPEN
	J	SECURE	The Electric Strike micro switch	MADE
		HOLD	Both of the gate micro switches	MADE
		- <del></del>	<del>G</del>	

	VERIFY	MCR sees the gate is	CLOSED
	RELEASI VERIFY	E Div A micro switch  MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASI	E Div B micro switch	
	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
_	RELEASI		OPEN
	VERIFY	MCR sees the gate is	OPEN
	CLOSE VERIFY	The gate MCR sees the gate is	CLOSED
	RESET	The gate from MCR	CLUSED
	VERIFY	MCR sees the gate is	RESET
ш	OPEN	The gate	TEGET
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	<b>VERIFY</b>	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
	VERIFY	PEER 7 is in XA	MODE 17
	VERIFY	The gate box Controlled Access light is	ON
	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	Gate <b>5GE1</b> with the <b>#14</b> RC CA key	OIV
	VERIFY	Gate 5GE1 is	OPEN
	CLOSE	Gate <b>5GE1</b>	
	PLACE	PEER 7 in Restricted Access (Mode 8)	MODE
	VERIFY	PEER 7 is in Restricted Access	MODE 8
	VERIFY	The gate box <b>Restricted Access</b> light is	ON
	VERIFY	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	OFF
	VERIFY	Attempt to <b>open</b> gate <b>5GE1</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to open Gate 5GE1 with #14 RC CA key is	SUCCESSFUL
	VERIFY	Attempt to open 5GE1 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open <b>5GE1</b> with <b>Expt.</b> card	FAIL
	VERIFY	During attempt with Expt. Card Reader light is	RED
	PLACE	PEER 7 in Safe Access (Mode 2)	
	VERIFY	PEER 7 is in Safe Access	MODE 2
	<b>VERIFY</b>	The gate box <b>Controlled Access</b> light is	ON
	<b>VERIFY</b>	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	Gate 5GE1 with Simultaneous Release and #14 CA	
_	**************************************	Key	OPEN
	VERIFY	Gate <b>5GE1</b> is	OPEN
	CLOSE	Gate 5GE1	

Test o	f EXIT DOOI	R 5ED1	
	VERIFY	Gate has been inspected	
	<b>VERIFY</b>	The door cannot be opened from the 6 O'clock area	
	<b>VERIFY</b>	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	
	VERIFY	PEER 7 is in Controlled Access	MODE 16
	VERIFY	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	ON
	OPEN	The door	
	VERIFY	MCR sees the door is	OPEN
_	HOLD	Both of the door micro switches	MADE
	VERIFY	MCR sees the door is	CLOSED
	RELEASE	Div A door micro switch	ODEN
	VERIFY	MCR indicates Div A	OPEN
	HOLD VERIFY	Both of the door micro switches  MCR sees the door is	MADE CLOSED
	RELEASE	Div B door micro switch	CLOSED
	VERIFY	MCR indicates Div B	OPEN
Ц	CLOSE	The door	OLEN
	VERIFY	MCR sees the door is	CLOSED
	VERIFY	The <b>5ED1</b> Door Reset light is	OFF
Ы	RESET	The Door with #15 RC Sweep key at 5ED1 gate box	011
	VERIFY	MCR sees the 5ED1 door is	RESET
	VERIFY	The <b>5ED1</b> Door Reset light is	ON
Ц	OPEN	The door	011
	VERIFY	MCR sees the door is	OPEN
	VERIFY	The <b>5ED1</b> gate box Gate Reset light is	OFF
_	CLOSE	The door	
	<b>VERIFY</b>	MCR sees the door is	CLOSED
	<b>VERIFY</b>	The <b>5ED1</b> gate box Gate Reset light is	OFF
	PLACE	PEER 7 in Controlled Access (MODE 17)	
	VERIFY	PEER 7 is in Controlled Access	MODE 17
	VERIFY	The warning lights on both sides of the gate indicate:	0.27
		CALL MCR FOR CROSSOVER AMBER	ON
	PLACE	PEER 7 in Restricted Access (MODE 8)	
	VERIFY	PEER 7 is in Restricted Access	MODE 8
	VERIFY	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	OFF
	PLACE	PEER 7 in Safe Access (MODE 2)	
	VERIFY	PEER 7 is in Safe Access	MODE 2
	VERIFY	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	ON
	CHECK	for test aggentance of ESCADE DOOD at SED1	
	CHECK	for test acceptance of ESCAPE DOOR at 5ED1	

1.6

1.7 Test of	ENTRY GATI	E at 6GE1	
	VERIFY	INNER Gate at 6GE1 has been inspected	
	VERIFY	PEER 9 is in Restricted Access	MODE 8
	PLACE	PEER 7 in Controlled Access (MODE 16)	MODE
	VERIFY	PEER 7 is in Controlled Access	MODE 16
	VERIFY	The warning lights on both sides of the gate indicate:	MODE 10
	V LIXII	CALL MCR FOR CROSSOVER AMBER	ON
	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 6GE1 with Simultaneous Release and #14 CA	OIT
	OLLIV	Key	
	VERIFY	Simultaneous Release <b>Buzzer</b>	SOUNDS
	VERIFY	Gate <b>6GE1</b> is	OPEN
	VERIFY	MCR sees the gate is	OPEN
	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	020022
	VERIFY	MCR indicates Div A	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
_	RESET	The gate from MCR	
	VERIFY	MCR sees the gate is	RESET
_	OPEN	The gate	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
		Ç	
	PLACE	PEER 7 in Controlled Access (MODE 17)	
	VERIFY	PEER 7 is in XA	<b>MODE 17</b>
	VERIFY	The gate box Controlled Access light is	OFF
	VERIFY	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	OFF
	OPEN	Gate <b>6GE1</b> with the <b>#14</b> RC CA key	
	VERIFY	Gate <b>6GE1</b> is	OPEN
	CLOSE	Gate 6GE1	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
	VERIFY	PEER 7 is in Restricted Access	MODE 8
	VERIFY	The gate box <b>Restricted Access</b> light is	ON
	VERIFY	The warning lights on both sides of the gate indicate:	0
		CALL MCR FOR CROSSOVER AMBER	OFF
	VERIFY	Attempt to <b>open</b> gate <b>6GE1</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to <b>open</b> Gate <b>6GE1</b> with <b>#14 RC CA</b> key is	SUCCESSFUL
	VERIFY	Attempt to open 6GE1 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open 6GE1 with Star card	SUCCESSFUL
	VERIFY	Attempt to open 6GE1 with any other	

	]		Expt card During attempt with Expt. Card Reader light is	FAIL RED
	]	VERIFY VERIFY VERIFY	PEER 7 in Safe Access (Mode 2) PEER 7 is in Safe Access The gate box Controlled Access light is The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER Gate 6GE1 with Simultaneous Release and #14 CA	ON
Г		VERIFY	Key Gate 6GE1 is Gate 6GE1	OPEN
		CHECK f	or test acceptance of ENTRY GATE at 6GE1	
1.8 Test of I		canner and L PLACE VERIFY SCAN	Valid Personnel with Iris Scanner at gate	MODE 16
С		VERIFY	6GE1 Valid Personnel is	RECOGNIZED
		VERIFY VERIFY	Attempt to enter 6GE1 with STAR key and	RELEASED SUCCESSFUL
C		SCAN VERIFY VERIFY	Valid Personnel with Iris Scanner at 6GE1 Valid Personnel is Attempt to release third STAR key in Local	RECOGNIZED  UNSUCCESSFUL
C C		SCAN VERIFY VERIFY	Attempt to release second STAR key in Local keytree at 6GE1 Attempt to enter 6GE1 with second STAR key	RECOGNIZED SUCCESSFUL
		REPLACE	and SR is  First and second STAR keys in local keytree at 6GE1	SUCCESSFUL
		VERIFY PLACE VERIFY		REPLACED  MODE 17
С	]	SCAN VERIFY	Valid Personnel with Iris Scanner at 6GE1 Valid Personnel is	RECOGNIZED
Г		VERIFY	First STAR key in Local keytree 6GE1 remains	CAPTURED
		PLACE VERIFY	PEER 7 in Restricted Access (Mode 8) PEER 7 is in Restricted Access	MODE 8

**6GE1** 

 $\hfill \Box$  Check for acceptance of Test of Iris Scanner and Local Keytree located at gate

1.9 Test of	FENTRY GATE	at 6GE2	
	VERIFY	Entry Gate at 6GE2 has been inspected	
	VERIFY	PEER 9 is in Restricted Access	MODE 8
Ц	PLACE	PEER 7 in Controlled Access (MODE 16)	MODE
	VERIFY	PEER 7 is in Controlled Access	MODE 16
	VERIFY	The warning lights on both sides of the gate indicate:	MODE 10
Ц	V LEXIT 1	CALL MCR FOR CROSSOVER AMBER	ON
	VERIFY	The Exterior gate box Controlled Access light is	ON
	OPEN	Gate 6GE2 with Simultaneous Release and #14 CA	011
	OLLIV	Key	
	VERIFY	Simultaneous Release Buzzer	SOUNDS
	VERIFY	Gate <b>6GE2</b> is	OPEN
	VERIFY	MCR sees the gate is	OPEN
Ь	SECURE	The Electric Strike micro switch	MADE
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div A micro switch	
	VERIFY	MCR indicates Div A	OPEN
_	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	Div B micro switch	
	VERIFY	MCR indicates Div B	OPEN
	HOLD	Both of the gate micro switches	MADE
	VERIFY	MCR sees the gate is	CLOSED
	RELEASE	The Electric Strike micro switch	
	VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	
	VERIFY	MCR sees the gate is	CLOSED
	RESET	The gate from MCR	
	VERIFY	MCR sees the gate is	RESET
	OPEN	The gate	OPEN
	VERIFY	MCR sees the gate is	OPEN
_	CLOSE	The gate	CI OCED
	VERIFY	MCR sees the gate is	CLOSED
	PLACE	PEER 7 in Controlled Access (MODE 17)	
	VERIFY	PEER 7 is in Controlled Access	<b>MODE 17</b>
	VERIFY	The gate box <b>Controlled Access</b> light is	OFF
	VERIFY	The warning lights on both sides of the gate indicate:	OII
Ц	V EXII 1	CALL MCR FOR CROSSOVER AMBER	OFF
	OPEN	Gate <b>6GE2</b> with the <b>#14</b> RC CA key	011
	VERIFY	Gate <b>6GE2</b> is	OPEN
	CLOSE	Gate 6GE2	
	PLACE	PEER 7 in Restricted Access (Mode 8)	
	VERIFY	PEER 7 is in Restricted Access	MODE 8
	VERIFY	The gate box <b>Restricted Access</b> light is	ON
	VERIFY	The warning lights on both sides of the gate indicate:	-
		CALL MCR FOR CROSSOVER AMBER	OFF
	VERIFY	Attempt to <b>open</b> gate <b>6GE2</b> with <b>S</b> key is	SUCCESSFUL
	VERIFY	Attempt to open Gate 6GE2 with #14 RC CA key is	SUCCESSFUL
	VERIFY	Attempt to open 6GE2 with Blue card	SUCCESSFUL
	VERIFY	Attempt to open 6GE2 with Star card	SUCCESSFUL
	VERIFY	Attempt to open <b>6GE2</b> with any other	

		VERIFY	Exptcard During attempt with Expt. Card Reader light is	FAIL RED
		PLACE	PEER 7 in Safe Access (Mode2)	
		VERIFY	PEER 7 is in Safe Access	MODE 2
		VERIFY	The gate box <b>Controlled Access</b> light is	ON
		VERIFY	The warning lights on both sides of the gate indicate:	
			CALL MCR FOR CROSSOVER AMBER	ON
		OPEN	Gate 6GE2 with Simultaneous Release and #14 CA	
	_	Y/EDIEY/	Key	OPEN
		VERIFY	Gate 6GE2 is	OPEN
		CLOSE	Gate 6GE2	
		CHECK	for test acceptance of ENTRY GATE at 6GE2	
			•	
1.10	Test o	f TRENCH G	ATE at 6MD1	
1.10		VERIFY	Gate has been inspected	
	П	VERIFY	PEER 9 is in Restricted Access	MODE 8
	_	PLACE	PEER 7 in Controlled Access (MODE 16)	
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>
		OPEN	The gate	
		VERIFY	MCR sees the gate is	OPEN
		HOLD	Both gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div A micro switch	
		VERIFY	MCR indicates Div A	OPEN
		HOLD	Both gate micro switches	MADE
		VERIFY	MCR sees the gate is	CLOSED
		RELEASE	Div B micro switch	
		VERIFY	MCR indicates Div B	OPEN
	_	CLOSE	The gate	OT OGER
		VERIFY	MCR sees the gate is	CLOSED
		VERIFY	The gate box Gate Reset light is	OFF
	_	RESET	The gate with #15 RC Sweep key	DECET
		VERIFY	MCR sees the gate is The cote how Cote Poset light is	RESET
		VERIFY	The gate box Gate Reset light is	ON
		OPEN VERIFY	The gate MCR sees the gate is	CLOSED
		VERIFY VERIFY	The gate box Gate Reset light is	OFF
	Ц	CLOSE	The gate box Gate Reset light is  The gate	OFF
		CLUSE	The gate	

1.11	Test o	f EXIT DOO	R 6ED1	
		VERIFY	Gate has been inspected	
		VERIFY	The door cannot be opened from the 6 O'clock area	
		VERIFY	PEER 9 is in Restricted Access	MODE 8
	_	PLACE	PEER 7 in Controlled Access (MODE 16)	
		VERIFY	PEER 7 is in Controlled Access	MODE 16
		VERIFY	The warning lights on both sides of the gate indicate:	1.102210
	Ц		CALL MCR FOR CROSSOVER AMBER	ON
		OPEN	The door	
		VERIFY	MCR sees the door is	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div A door micro switch	
		VERIFY	MCR indicates	DIV $A \neq DIV B$
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div B door micro switch	
		VERIFY	MCR indicates	DIV $A \neq DIV B$
		CLOSE	The door	
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>6ED1</b> Door Reset light is	OFF
		RESET	The Door with <b>#15 RC Sweep key</b> at <b>6ED1</b> gate box	
		VERIFY	MCR sees the 6ED1 door is	RESET
		VERIFY	The <b>6ED1</b> Door Reset light is	ON
		OPEN	The door	
		VERIFY	MCR sees the door is	OPEN
		VERIFY	The <b>6ED1</b> gate box Gate Reset light is	OFF
		CLOSE	The door	011
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>6ED1</b> gate box Gate Reset light is	OFF
		PLACE	PEER 7 in Controlled Access (MODE 17)	
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 17</b>
		VERIFY	The warning lights on both sides of the gate indicate:	
			CALL MCR FOR CROSSOVER AMBER	ON
		PLACE	PEER 7 in Restricted Access (MODE 8)	
		VERIFY	PEER 7 is in Restricted Access	MODE 8
		VERIFY	The warning lights on both sides of the gate indicate:	
			CALL MCR FOR CROSSOVER AMBER	OFF
		PLACE	PEER 7 in Safe Access (MODE 2)	
		VERIFY	PEER 7 is in Safe Access	MODE 2
		VERIFY	The warning lights on both sides of the gate indicate:	
			CALL MCR FOR CROSSOVER AMBER	ON
		CHECK	for test acceptance of ESCAPE DOOR at 6ED1	

1.12	Test o	Test of ENTRY GATE at 6GE3				
		VERIFY	INNER Gate at 6GE3 has been inspected			
		VERIFY	PEER 9 is in Restricted Access	MODE 8		
		PLACE	PEER 7 in Controlled Access (MODE 16)			
		<b>VERIFY</b>	PEER 7 is in Controlled Access	<b>MODE 16</b>		
		VERIFY	The warning lights on both sides of the gate indicate:			
			CALL MCR FOR CROSSOVER AMBER	ON		
		VERIFY	The Exterior gate box <b>Controlled Access</b> light is	ON		
		OPEN	Gate 6GE3 with Simultaneous Release and #14 CA			
			Key			
		VERIFY	Simultaneous Release <b>Buzzer</b>	SOUNDS		
		VERIFY	Gate <b>6GE3</b> is	OPEN		
		VERIFY	MCR sees the gate is	OPEN		
		SECURE	The Electric Strike micro switch	MADE		
		HOLD	Both of the gate micro switches	MADE		
		VERIFY	MCR sees the gate is	CLOSED		
	Ы	RELEASE	Div A micro switch	CLOBED		
	П	VERIFY	MCR indicates Div A	OPEN		
		HOLD	Both of the gate micro switches	MADE		
		VERIFY	MCR sees the gate is	CLOSED		
		RELEASE	Div B micro switch	CLOSED		
		VERIFY	MCR indicates Div B	OPEN		
		HOLD	Both of the gate micro switches	MADE		
		VERIFY	MCR sees the gate is	CLOSED		
		RELEASE	The Electric Strike micro switch			
		VERIFY	MCR sees the gate is	OPEN		
		CLOSE	The gate			
		VERIFY	MCR sees the gate is	CLOSED		
	_	RESET	The gate from MCR			
		VERIFY	MCR sees the gate is	RESET		
	_	OPEN	The gate			
		VERIFY	MCR sees the gate is	OPEN		
	_	CLOSE	The gate	·		
		VERIFY	MCR sees the gate is	CLOSED		
	Ц	, 23411	NZOX SOOS LITE GLITE IS	CLOSLD		
		PLACE	PEER 7 in Controlled Access (MODE 17)			
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 17</b>		
		<b>VERIFY</b>	The gate box Controlled Access light is	ON		
		VERIFY	The warning lights on both sides of the gate indicate:			
			CALL MCR FOR CROSSOVER AMBER	ON		
		OPEN	Gate 6GE3 with the #14 RC CA key with			
			Simultaneous Release			
		VERIFY	Gate <b>6GE3</b> is	OPEN		
		CLOSE	Gate 6GE3			
		PLACE	PEER 7 in Restricted Access (Mode 8)			
		VERIFY	PEER 7 is in Restricted Access	MODE 8		
		VERIFY	The gate box <b>Restricted Access</b> light is	ON		
		VERIFY	The warning lights on both sides of the gate indicate:	011		
	Ш	, DAIL I	CALL MCR FOR CROSSOVER AMBER	OFF		
		VERIFY	Attempt to open gate 6GE2 with S key is	SUCCESSFUL		
		VERIFY	Attempt to open Gate 6GE2 with #14 RC CA key is	SUCCESSFUL		
		VERIFY	Attempt to open 6GE2 with #14 KC CA key is  Attempt to open 6GE2 with Blue card	SUCCESSFUL		
		VERIFY	Attempt to open 6GE2 with Star card	FAIL		
		V ENIT I	Aucinpt to open odez with star caru	rail		
DIA	A TT 4	120 6 h (V)	12	Darriaian O		

VERIFY	During attempt with Star Card Reader light is	RED
PLACE	PEER 7 in Safe Access (Mode2)	
VERIFY	PEER 7 is in Safe Access	MODE 2
VERIFY	The gate box <b>Controlled Access</b> light is	ON
<b>VERIFY</b>	The warning lights on both sides of the gate indicate:	
	CALL MCR FOR CROSSOVER AMBER	ON
OPEN	Gate 6GE3 with Simultaneous Release and #14 CA	
	Key	
VERIFY	Gate <b>6GE3</b> is	OPEN
CLOSE	Gate 6GE3	
□ CHECI	K for test acceptance of ENTRY GATE at 6GE3	

# 1.13 Test ESCAPE DOOR at 6EL1:

VERIFY	Door has been inspected	
VERIFY	The door cannot be opened from	OUTSIDE
VERIFY	PEER 9 is in Restricted Access	MODE 8
PLACE	PEER 7 in Controlled Access (MODE 16)	
VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>
OPEN	The door	
VERIFY	MCR sees the door is	OPEN
SECURE	The Security Bar micro switch	MADE
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div A door micro switch	
VERIFY	MCR indicates Div A	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the gate is	CLOSED
RELEASE	Div B door micro switch	
VERIFY	MCR indicates Div B	OPEN
HOLD	Both of the door micro switches	MADE
VERIFY	MCR sees the door is	CLOSED
RELEASE	The Security Bar micro switch	
VERIFY	MCR sees the door is	OPEN
CLOSE	The door and latch the Security Bar	
VERIFY	The <b>6EL1</b> Door Reset light is	OFF
RESET	The Door with #15 RC Sweep key at <b>6EL1</b> gate box	
VERIFY	MCR sees the 6EL1 door is	RESET
VERIFY	The <b>6EL1</b> Door Reset light is	ON
OPEN	The door	
VERIFY	MCR sees the door is	OPEN
VERIFY	The <b>6EL1</b> gate box Gate Reset light is	OFF
CLOSE	The door	
VERIFY	MCR sees the door is	CLOSED
VERIFY	The <b>6EL1</b> gate box Gate Reset light is	OFF

☐ CHECK for test acceptance of ESCAPE DOOR at 6EL1

1.14	Test o	of EXIT DOO		
		VERIFY	Door has been inspected	
		VERIFY	The door cannot be opened from	OUTSIDE
		<b>VERIFY</b>	PEER 9 is in Restricted Access	MODE 8
		PLACE	PEER 7 in Controlled Access (MODE 16)	
		VERIFY	PEER 7 is in Controlled Access	MODE 16
		VERIFY	The warning lights on both sides of the gate indicate:	1.102210
	П		CALL MCR FOR CROSSOVER AMBER	ON
		OPEN	The door	
		VERIFY	MCR sees the door is	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div A door micro switch	
		VERIFY	MCR indicates Div A	OPEN
		HOLD	Both of the door micro switches	MADE
		VERIFY	MCR sees the door is	CLOSED
		RELEASE	Div B door micro switch	
		VERIFY	MCR indicates Div B	OPEN
		CLOSE	The door	
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>6ED2</b> Door Reset light is	OFF
		RESET	The Door with #15 RC Sweep key at 6ED2 gate box	011
		VERIFY	MCR sees the 6ED2 door is	RESET
		VERIFY	The <b>6ED2</b> Door Reset light is	ON
	Ш	OPEN	The door	OIT
		VERIFY	MCR sees the door is	OPEN
		VERIFY	The <b>6ED2</b> gate box Gate Reset light is	OFF
				OFF
	_	CLOSE	The door	CI OCED
		VERIFY	MCR sees the door is	CLOSED
		VERIFY	The <b>6ED2</b> gate box Gate Reset light is	OFF
		PLACE	PEER 7 in Controlled Access (MODE 17)	
		<b>VERIFY</b>	PEER 7 is in Controlled Access	<b>MODE 17</b>
		VERIFY	The warning lights on both sides of the gate indicate:	
	_		CALL MCR FOR CROSSOVER AMBER	ON
		PLACE	PEER 7 in Restricted Access (MODE 8)	
		VERIFY	PEER 7 is in Restricted Access	MODE 8
		VERIFY	The warning lights on both sides of the gate indicate:	
			CALL MCR FOR CROSSOVER AMBER	OFF
		PLACE	PEER 7 in Safe Access (MODE 2)	
		VERIFY	PEER 7 is in Safe Access	MODE 2
		VERIFY	The warning lights on both sides of the gate indicate:	
	П	, LIMIT I	CALL MCR FOR CROSSOVER AMBER	ON
		CHECK	for test acceptance of <b>ESCAPE DOOR</b> at <b>6ED2</b>	

1.15	Test I	Test INNER GATE at 7GS1:				
		VERIFY	Gate has been inspected			
		PLACE	PEER 17 in Restricted Access (Mode 8)			
		VERIFY	PEER 17 is in Restricted Access	MODE 8		
		PLACE	PEER 7 in Controlled Access (MODE 16)			
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>		
		<b>VERIFY</b>	The warning lights and LED message: <b>Stop Call</b>			
			MCR for Access X-7400 Stop on both sides of the	ON		
			gate are			
		OPEN	The gate			
		VERIFY	MCR sees the gate is	<b>OPEN</b>		
		CLOSE	The gate			
		VERIFY	MCR sees the gate is	CLOSED		
1.16	Test	t OUTER GA	TE at 7GS1:			
		PLACE	PEER 17 in Restricted Access (Mode 8)			
		VERIFY	PEER 17 is in Restricted Access	MODE 8		
		PLACE	PEER 7 in Controlled Access (MODE 16)			
		VERIFY	PEER 7 is in Controlled Access	<b>MODE 16</b>		
		VERIFY	The warning lights on both sides of the gate indicate:			
			CALL MCR FOR CROSSOVER AMBER	ON		
		OPEN	The gate			
		VERIFY	MCR sees the gate is	OPEN		
		CLOSE	The gate			
		VERIFY	MCR sees the gate is	CLOSED		

#### **Note:**

INTERNAL GATES: YGI1, YGI2, XGI1 and XGI2. These gates are controlled by PEER 5 (1000P) and have dedicated micro-switches monitored by PEER 7. These tests verify the operation of the PEER 7 micro-switches.

#### 1.17 Test of INTERNAL GATE at YGI1

□ VERIFY Gate has been inspected PEER 5 is in Restricted Access (MODE 8) PLACE **VERIFY** PEER 5 is in Restricted Access MODE 8 **PLACE** PEER 7 in Controlled Access (MODE 16) **VERIFY PEER 7** is in **Controlled Access MODE 16 OPEN** Gate YGI1 MCR sees the gate is **OPEN VERIFY CLOSE** The gate

☐ CHECK for test acceptance of INTERNAL GATE at YGI1

1.18	Test of INTERNAL (	GATE at YGI2	
	$\Box$ <b>VERIFY</b>	Gate has been inspected	
	□ VERIFY	PEER 5 is in Restricted Access	MODE 8
	PLACE		
	□ VERIFY	PEER 7 is in Controlled Access	MODE 16
	OPEN	Gate YGI2	1.102210
	□ VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	OLLIV
		K for test acceptance of INTERNAL GATE at YGI2	
		To lest acceptance of INTERNAL GATE at 1612	
1.19	Test of INTERNAL (	GATE at XGI1	
	□ VERIFY		
	□ VERIFY	PEER 5 is in Restricted Access	MODE 8
	PLACE		1.10220
	□ VERIFY	PEER 7 is in Controlled Access	MODE 16
	OPEN	Gate XGI1	MODETO
	□ VERIFY	MCR sees the gate is	OPEN
	CLOSE	The gate	OTEN
		•	
		K for test acceptance of INTERNAL GATE at XGI1	
1.20	Test of INTERNAL OF VERIFY  VERIFY PLACE VERIFY OPEN VERIFY CLOSE CHECK	Gate has been inspected PEER 5 is in Restricted Access PEER 7 in Controlled Access (MODE 16) PEER 7 is in Controlled Access Gate XGI2	MODE 8  MODE 16  OPEN
TTI · Sign for	r completion of initial t	END OF TEST PROCEDURE	
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